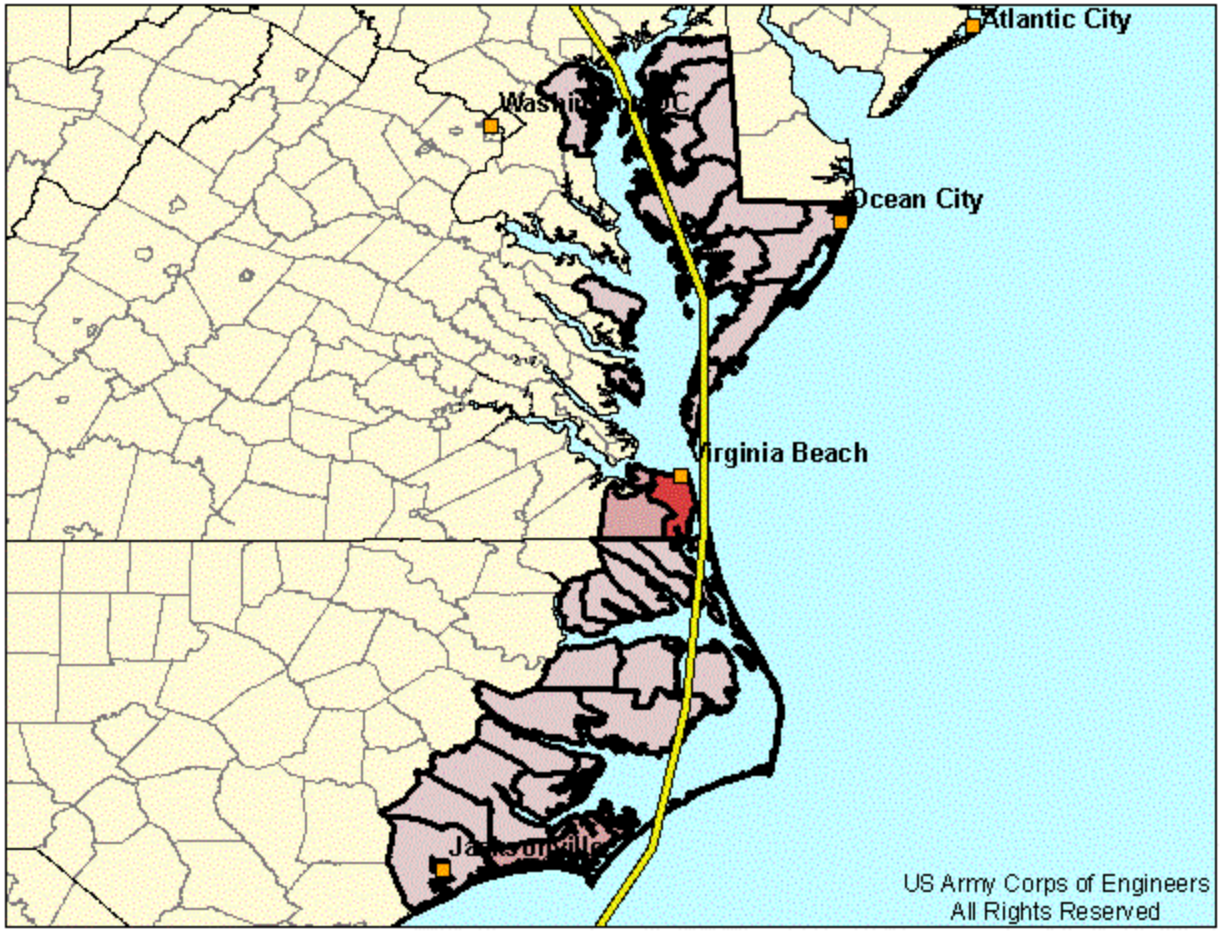
US Army Corps of Engineers

Hurricane Connie 1955 Debris Model

Landfall Plus About 12 Hours

For Planning Purposes Only!



Post Landfall Debris Model Results

Virginia - 960,000 Yards
North Carolina - 446,000 Yards
Maryland - 171,000 Yards

Model results per County on following page

This model is based on a Category 1 storm making landfall on the Outer Banks.

Historic Track

Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 1 storm making landfall on the Outer Banks. These projections are based on information from the NHC (1400 EDT 05/12/2008) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane connie 1955 Debris Model

Generated By:
Siemsen, LRL 1430 EDT 05/12/2008

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Connie 1955 Debris Model

Landfall Plus About 12 Hours

For Planning Purposes Only!

State	Yards per State	County	Yards per County
Maryland		Anne Arundel	3,000
		Caroline	2,000
		Dorchester	41,000
		Kent	< 1,000
		Queen Anne's	30,000
		Somerset	28,000
		Talbot	49,000
		Wicomico	9,000
		Worcester	9,000
Maryland	171,000		
North Carolina		Beaufort	17,000
		Camden	15,000
		Carteret	119,000
		Chowan	2,000
		Craven	55,000
		Currituck	56,000
		Dare	55,000
		Hyde	23,000
		Jones	2,000
		Onslow	14,000
		Pamlico	21,000
		Pasquotank	42,000
		Perquimans	6,000
		Tyrrell	12,000
		Washington	7,000
North Carolina	446,000		
Virginia		Accomack	46,000
		Chesapeake city	127,000
		Mathews	< 1,000

State	Yards per State	County	Yards per County
Virginia		Norfolk City	131,000
(continued)		Northampton	35,000
		Northumberland	< 1,000
		Virginia Beach city	621,000
Virginia	960,000		

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

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Hurricane connie 1955 Debris Model

Generated By:
Siemsen, LRL 1430 EDT 05/12/2008

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Connie 1955 Commodities Model

Landfall Plus About **12** Hours

For Planning Purposes Only!

Post Landfall Water Model Results

Day One / Day Two / Day Three
NC – 2/4/8 Truckloads
VA – 2/3/5 Truckloads
MD – 1/1/1 Truckloads

Model results per County on following page

This model is based on a Category 1 storm making landfall on the Outer Banks.

Historic Track

Commodities

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Information provided on this page displays a Category 1 storm making landfall on the Outer Banks. These projections are based on information from the NHC ***(1400 EDT 05/12/2008)*** forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane connie 1955 Commodities Model	
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Sources: HURREVAC LRL-DEBRIS	Page 3 of 12

US Army Corps of Engineers

Hurricane Connie 1955 Commodities Model

Landfall Plus About 12 Hours

For Planning Purposes Only!

State	Truckloads per State	County	Truckloads per County
Maryland		Somerset	1
Maryland	1		
North Carolina		Camden	1
		Carteret	1
		Currituck	2
		Dare	1
		Hyde	1
		Pasquotank	1
		Tyrrell	1
North Carolina	8		
Virginia		Accomack	1
		Northampton	1
		Virginia Beach city	3
Virginia	5		

The amount of commodities forecasted is based on Mission Guide Book requirements and SME input and the above table indicates suggested needs based on phased deployment of a commodities distribution system.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane connie 1955 Commodities Model

Generated By:
Siemsen, LRL 1430 EDT 05/12/2008

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Connie 1955 Temporary Roofing Model

US Army Corps of Engineers

Landfall Plus About 12 Hours

For Planning Purposes Only!

Post Landfall Temporary Roofing Model Results

Virginia - 500
North Carolina - 400

Model results per County on following page

This model is based on a Category 1 storm making landfall on the Outer Banks.

Historic Track

Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 1 storm making landfall on the Outer Banks. These projections are based on information from the NHC (1400 EDT 05/12/2008) forecast. Temporary roofing is based on 3% in CAT 1.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane connie 1955 Roofing Model	
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Sources: HURREVAC LRL-DEBRIS	Page 5 of 12

US Army Corps of Engineers

Hurricane Connie 1955 Temporary Roofing Model

Landfall Plus About 12 Hours

For Planning Purposes Only!

State	House Units per State	County	House Units per County
Maryland		Somerset	< 100
Maryland			
North Carolina		Camden	< 100
		Carteret	200
		Currituck	200
		Dare	< 100
		Hyde	< 100
		Pasquotank	< 100
		Tyrrell	< 100
North Carolina	400		
Virginia		Accomack	< 100
		Northampton	200
		Virginia Beach city	300
Virginia	500		

Temporary roofing is based on 3% in CAT 1.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane connie 1955 Roofing Model

Generated By:
Siemsen, LRL 1430 EDT 05/12/2008

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Connie 1955 Temporary Housing Model

US Army Corps of Engineers

Landfall Plus About 12 Hours

For Planning Purposes Only!

Post Landfall Temporary Housing Model Results

Model results per County on following page

This model is based on a Category 1 storm making landfall on the Outer Banks.

Historic Track

Temporary Housing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 1 storm making landfall on the Outer Banks. These projections are based on information from the NHC (1400 EDT 05/12/2008) forecast. Temporary housing is based on nothing.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane connie 1955 Housing Model	
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Sources: HURREVAC LRL-DEBRIS	

Hurricane Connie 1955 Temporary Housing Model

US Army Corps of Engineers

Landfall Plus About 12 Hours

For Planning Purposes Only!

State	House Units per State	County	House Units per County
		No Temporary Housing need identified	

Temporary housing is based on nothing.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane connie 1955 Housing Model

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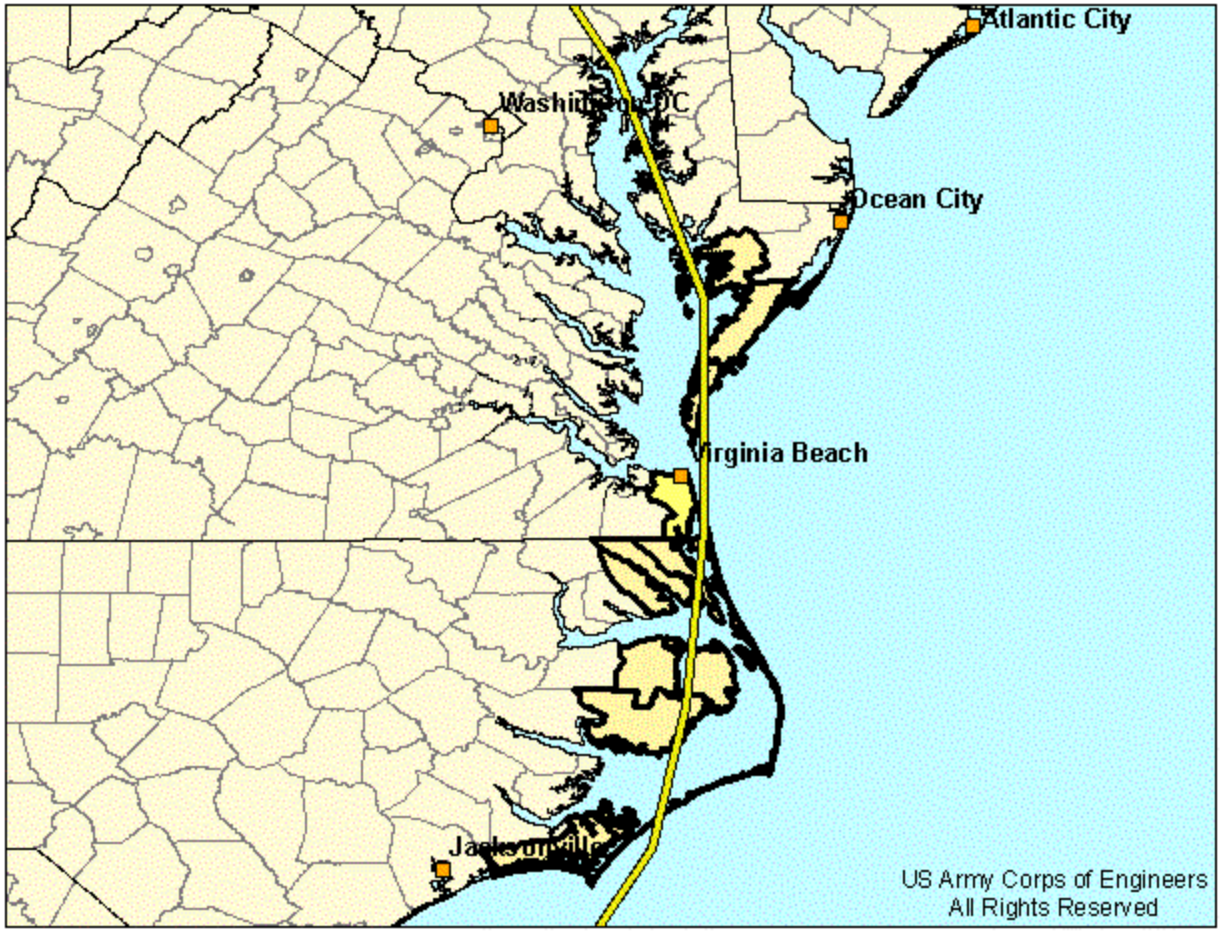
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Connie 1955 Population Model

Landfall Plus About 12 Hours

For Planning Purposes Only!



Post Landfall Population Model Results

Virginia - 40,000
North Carolina - 36,000

Model results per County on following page

This model is based on a Category 1 storm making landfall on the Outer Banks.

Historic Track

Population

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 1 storm making landfall on the Outer Banks. These projections are based on information from the NHC (1400 EDT 05/12/2008) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2006 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane connie 1955 Population Model	
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Sources: HURREVAC LRL-DEBRIS	Page 9 of 12

US Army Corps of Engineers

Hurricane Connie 1955 Population Model

Landfall Plus About 12 Hours

For Planning Purposes Only!

State	Population per State	County	Population per County
Maryland		Somerset	< 1,000
Maryland			
North Carolina		Camden	3,000
		Carteret	12,000
		Currituck	14,000
		Dare	4,000
		Hyde	3,000
		Pasquotank	< 1,000
		Tyrrell	< 1,000
North Carolina	36,000		
Virginia		Accomack	3,000
		Northampton	11,000
		Virginia Beach city	26,000
Virginia	40,000		

The number of persons estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2006 values.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane connie 1955 Population Model

Generated By:
Siemsen, LRL 1430 EDT 05/12/2008

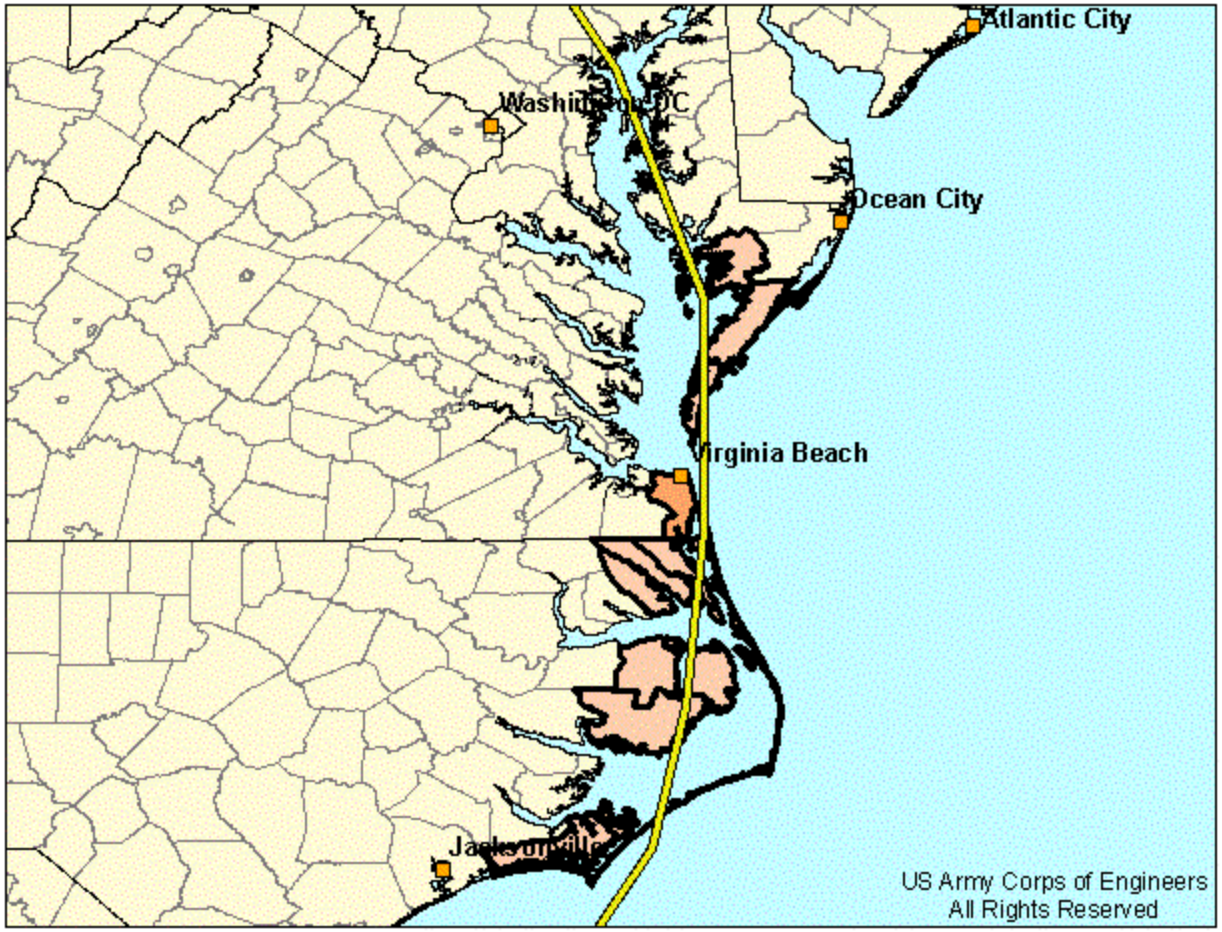
Sources:
HURREVAC
LRL-DEBRIS

Hurricane Connie 1955 Households Model

US Army Corps of Engineers

Landfall Plus About 12 Hours

For Planning Purposes Only!



Post Landfall Households Model Results

Virginia - 15,000
North Carolina - 14,000

Model results per County on following page

This model is based on a Category 1 storm making landfall on the Outer Banks.

Historic Track

Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50000 households

Information provided on this page displays a Category 1 storm making landfall on the Outer Banks. These projections are based on information from the NHC (1400 EDT 05/12/2008) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2006 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Sources: HURREVAC LRL-DEBRIS	Page 11 of 12

US Army Corps of Engineers

Hurricane Connie 1955 Households Model

Landfall Plus About 12 Hours

For Planning Purposes Only!

State	Households per State	County	Households per County
Maryland		Somerset	< 1,000
Maryland			
North Carolina		Camden	< 1,000
		Carteret	6,000
		Currituck	6,000
		Dare	2,000
		Hyde	< 1,000
		Pasquotank	< 1,000
		Tyrrell	< 1,000
North Carolina	14,000		
Virginia		Accomack	< 1,000
		Northampton	5,000
		Virginia Beach city	10,000
Virginia	15,000		

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2006 values.

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Hurricane connie 1955 Households Model

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